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L3: Entry 18 of 24

File: DWPI

Dec 6, 2006

DERWENT-ACC-NO: 2003-363293
DERWENT-WEEK: 200680
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TITLE: Diagnosing chronic inflammatory bowel disease, by detecting antibodies against ribosomal proteins, also treatment with agents that bind such antibodies

INVENTOR: BERGMANN, A ; SCHUPPAN, D ; WILLNICH, M

PATENT-ASSIGNEE:

ASSIGNEE

CODE

BRAHMS AG

BRAHN

PRIORITY-DATA: 2001DE-1047991 (September 28, 2001)

Search Selected**Search ALL****Clear****PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> EP 1430304 B1	December 6, 2006	G	000	G01N033/564
<input type="checkbox"/> WO 2003029824 A1	April 10, 2003	G	040	G01N033/564
<input type="checkbox"/> DE 10147991 A1	May 15, 2003		000	A61K038/17
<input type="checkbox"/> EP 1430304 A1	June 23, 2004	G	000	G01N033/564
<input type="checkbox"/> DE 10147991 B4	July 15, 2004		000	G01N033/564
<input type="checkbox"/> JP 2005504321 W	February 10, 2005		056	G01N033/53
<input type="checkbox"/> US 20050074818 A1	April 7, 2005		000	G01N033/53

DESIGNATED-STATES: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT
SE SK TR JP US AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
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APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 1430304B1	September 3, 2002	2002EP-0774558	
EP 1430304B1	September 3, 2002	2002WO-EP09848	
EP 1430304B1		WO2003029824	Based on
WO2003029824A1	September 3, 2002	2002WO-EP09848	
DE 10147991A1	September 28, 2001	2001DE-1047991	
EP 1430304A1	September 3, 2002	2002EP-0774558	
EP 1430304A1	September 3, 2002	2002WO-EP09848	

EP 1430304A1		WO2003029824	Based on
DE 10147991B4	September 28, 2001	2001DE-1047991	
JP2005504321W	September 3, 2002	2002WO-EP09848	
JP2005504321W	September 3, 2002	2003JP-0532986	
JP2005504321W		WO2003029824	Based on
US20050074818A1	September 3, 2002	2002WO-EP09848	
US20050074818A1	October 21, 2004	2004US-0490597	

INT-CL (IPC): A61K 38/17; A61K 45/00; A61P 1/04; A61P 29/00; A61P 37/02;
C12N 15/12; G01N 33/53; G01N 33/564; G01N 33/567

ABSTRACTED-PUB-NO: WO2003029824A

BASIC-ABSTRACT:

NOVELTY - Diagnosing (early or differential diagnosis; assessment of severity; monitoring therapy and prognosis of disease progression) chronic inflammatory bowel disease by detecting, in the serum, plasma, tissues and/or feces of patients (or subjects at risk) presence or absence of one or more antibodies (Ab) that bind ribosomal proteins (rP).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) use of the P0 and/or L5 rP, complete or as adducts, phosphorylated products, peptide fragments or analogs, or as a bowel-specific splice variant, to prepare a composition for binding or blocking antibodies against the specified proteins, for treatment of Crohn's disease (CD) and/or ulcerative colitis (UC);

(2) use of the materials of (1) for inhibiting intestinal and associated inflammation in treatment of CD and/or UC, by blocking antigen-presenting cells or by inducing T cell anergy; and

(3) composition for treating CD or UC comprising agents that bind to antibodies against P0 and/or L5, so as to prevent them from binding to these proteins.

ACTIVITY - Antiinflammatory; Antiulcer. No details of tests for these activities are given.

MECHANISM OF ACTION - Ribosomal proteins and their derivatives (i) bind to/block antibodies, preventing them from binding to P0 and L5; (ii) block antigen presenting cells and/or (iii) induce T cell anergy.

USE - The method is used for diagnosis of Crohn's disease, ulcerative colitis and their mixed form (colitis indeterminata). Ribosomal proteins, and their derivatives, are useful for treating these diseases, either by extracorporeal treatment or by administration.

CHOSEN-DRAWING: Dwg.0/3

TITLE-TERMS: DIAGNOSE CHRONIC INFLAMMATION BOWEL DISEASE DETECT ANTIBODY RIBOSOME PROTEIN TREAT AGENT BIND ANTIBODY

DERWENT-CLASS: B04 D16 S03

CPI-CODES: B04-B04B2; B04-B04D4; B04-B04D5; B04-B04L; B04-F04; B04-G01; B04-N02; B11-C07A; B11-C08D3; B12-K04A; B12-K04E; B14-C03; B14-E08; B14-E10C; D05-H08; D05-H09; D05-H11; D05-H13;

EPI-CODES: S03-E14H4;

CHEMICAL-CODES:

Chemical Indexing M1 *01*
Fragmentation Code
M417 M423 M750 M781 M905 N102 N136 N161 P831 Q233
Q505
Specific Compounds
A00C8K A00C8A A00C8D

Chemical Indexing M1 *02*
Fragmentation Code
M417 M423 M431 M750 M781 M782 M905 N102 N136 N161
P420 P738 P831 Q233
Specific Compounds
A00H3K A00H3T A00H3A A00H3M A00H3U

Chemical Indexing M6 *03*
Fragmentation Code
M905 P420 P738 P831 Q233 Q505 R515 R520 R521 R534
R535 R537 R614 R621 R637

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2003-096012

Non-CPI Secondary Accession Numbers: N2003-290110

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WEST Search History

DATE: Tuesday, January 09, 2007

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<input type="checkbox"/>	L5	L3 and ibd	127
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<input type="checkbox"/>	L10	(fecal or feces or faecal or feecal or stool or excrement) and l9	6
<input type="checkbox"/>	L11	L10 not l1	0

END OF SEARCH HISTORY